

Hazardous Waste

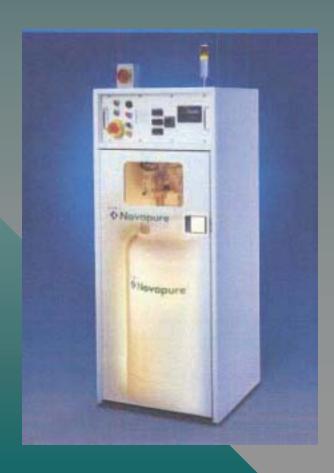
Labeling

Management of Containers
 no spills/leaks and closed during storage
 secondary containment
 separate incompatibles

Waste Determination



Absorptive Resins





Satellite Accumulation

Weekly Waste Storage Area Inspections

Daily Tank Inspections

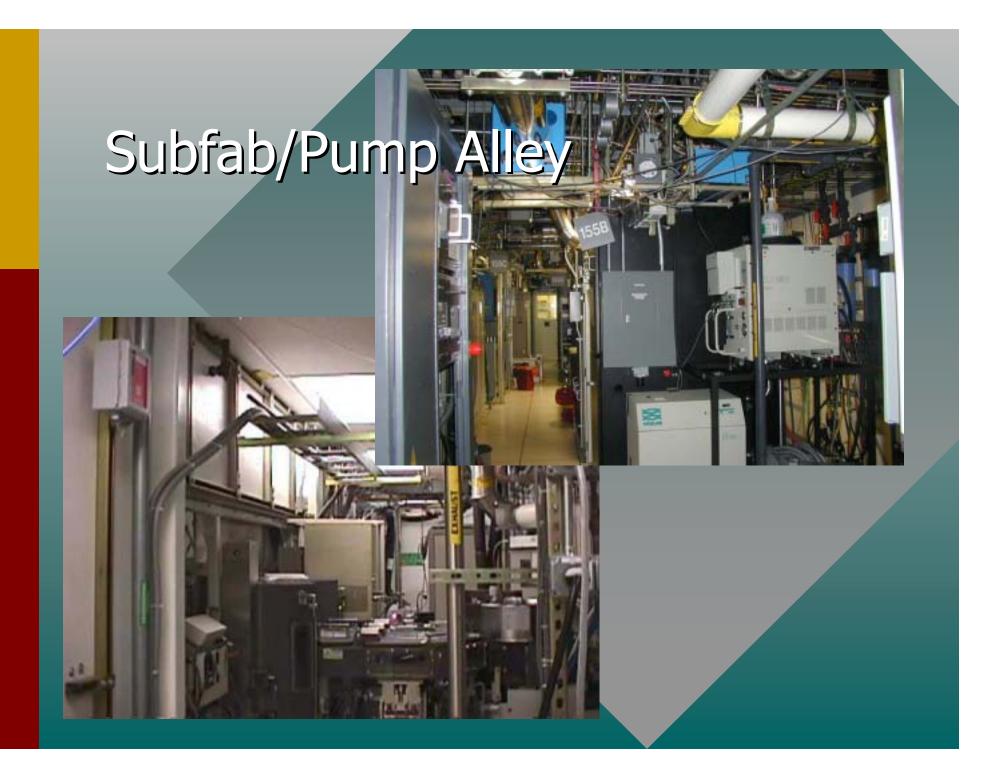
Keep All Disposal Records Available
 For At Least 3 Years

Signed TSDF Copies Of Manifests



Gray Area





Support Pad



Training

Thoroughly Familiar

Annual Refresher

Complete Training Records

Required Emergency Equipment
 Testing & Maintenance of Equipment

Recording & Reporting of Emergency Incidents
 Call 911!

Emergency Response Information:

Updated & Accurate
 Hazardous Materials Business Plan

Current Emergency Coordinator
 Names and Phone #'s

Submitting Changes In Plan Within 30 Days

Posting of Emergency Information

Uniform Fire Code

Fire Extinguishers

Fire Suppression Systems

Monitoring Systems (Maintenance/Inspections)

Toxic Gas

Leak Detection

Flammable Gas

Oxygen Deficiency



Seismic Sensors



Exits/Egress Routes

Unobstructed Access to:

Fire Extinguishers

Electrical Panels

Exits

Alarm/Monitoring Panels

Emergency Shutoffs

Labeling

Consistent

Visible At A Reasonable Distance

Name (not symbols) of Hazardous Materials

Concentration

Hazard Class

Hazardous Materials

Storage

Use

Compatibility

Quantities









Permits

New Systems/Construction
Closure of Tools/Systems or Entire Facilities

Extension Cords

Liquid Hydrogen



Waste Minimization SB 14 Plan

- >12,000 kg/year generator
- >3,100 gals hazardous waste treated

Summary Report to DTSC due September 1, 2003

Tiered Permit

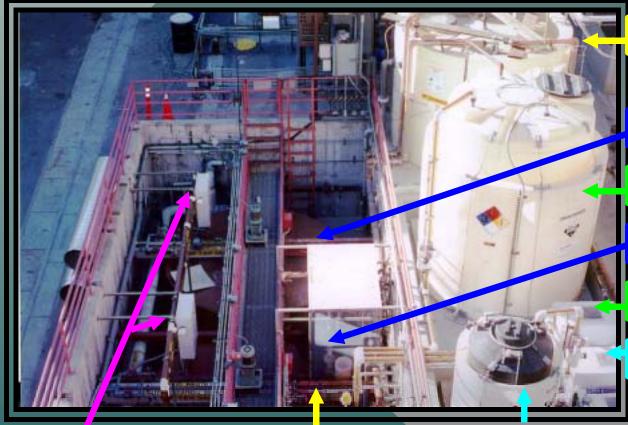
- 5 Year Certification On Tank Systems By Registered P.E.
- Closure Cost Estimates Updated Annually
 For Inflation (March 1st)
- Certain Financial Assurance Mechanisms
 Updated Annually
 - e.g. Corporate Quantities

 Annual Renewals Of All Forms For Permit by Rule Facilities

Failure To Notify When Doing On-Site
 Treatment of Hazardous Waste

 New Treatment Systems or Significant Changes Require Reevaluation by P.E.

AWN System



Fluoride Waste Tank

Tank #1

Sodium Hydroxide Tank

Tank #2

Sodium Hydroxide Pump

Sulfuric Pump

Valve boxes for the sodium hydroxide and sulfuric acid injection

Fluoride Waste Surge Tank **Sulfuric Acid Tank**

CalARP

 New Processes, Large Quantities of Chemicals May Require A Risk Management Plan Prior To Site Implementation

Acknowledgements

- Photographs:
 - Analog Devices
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